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## **BULLETIN 04-1**

- 1 To repeat earlier bulletins: <u>ALL</u> service upgrades of any kind, including fuse to breaker changes or breaker-to-breaker changes of an equivalent size or larger, must have Bulletin 80-1 done as part of the work. All circuits and the service are required on the permit.
- 2 Call for trench inspections! Note Section 3800.3770 of the Minnesota Rules which state that if work is covered without an inspection the contractor is responsible for all costs incurred with removing the cover for an inspection. This section also covers wallcoverings installed without a rough-in inspection.
- Call for final inspections! Note that under Section 3800.3780 subpart 2 of the Minnesota Rules, all permits with a fee of \$250 or less are void after 1 year and a new permit must be obtained to complete the work. Subpart 1 requires a call or other notice (fax, E-mail) to the inspector that the work is ready for final inspection.
- Permits may be obtained by mail, by faxing with a credit card, electronically on the DSI website (www.stpaul.gov/dsi) or in person in our office. The electronic version allows you to apply for and immediately receive the active permit by printing it out on your printer. This eliminates postage, time lost in mailing and processing, and eliminates the uncertainty of when you have a valid permit. Remember, by City Ordinance, permits must be obtained (not just mailing the form, but you receiving the Contractor's copy) BEFORE work commences. We are, at worst, one day behind processing permits. If you have an emergency such as storm damage, obviously you can't wait for the permit to be processed, but call the area inspector immediately they all have voice mail on their phones- and let them know what is going on.
- 5 Our website (www.stpaul.gov/dsi) also has a complete set of all the bulletins, handouts (including Bulletin 80-1) and you are also able to download a permit form.
- 6 Section 300.4(F). This section requiring bushings in some cases also applies to non-metallic raceways(such as PVC). Sect 352.28 requires trimming rough inside & outside edges of cut ends of PVC, but this does not eliminate the need for the proper fitting on the raceway.
- 7 Construction trailers must be fed with an insulated equipment grounding conductor, requiring either a raceway with individually insulated conductors or a listed cord. All other applicable parts of Article 550 also apply (Section 550.4(A)).
- 8 Temporary electrical services: Article 527 contains no allowance for installing indoorrated electrical equipment outdoors exposed to the elements. This means a temporary service
  must either be NEMA 3R rated, or installed in an enclosure protecting it from the weather that is
  acceptable to the electrical inspector. Plastic sheeting over an indoor enclosure is not adequate.
  All open knockouts must be sealed, and proper connectors used for all wiring methods entering
  the enclosure. Ground faults must be operable. Receptacles must have "in use" covers.
- 9 Section 210.8(B)(3) Ground-fault protection of receptacles in kitchens in other than dwelling units. Unfortunately, due to all the variables involved, it is virtually impossible to develop a hard and fast rule on enforcement of this Section. Please contact the area inspector before starting a job in this type of occupancy to discuss how this will be enforced in you particular instance. Remember, this is all 125-volt, 15 & 20 ampere receptacles in these kitchens-

## no exceptions!

Section 210.12- Arc-Fault protection. Repeating earlier bulletins, any new 125-volt, 15 or 20 ampere outlet, even in an existing residential bedroom must be protected by an Arc-Fault circuit breaker. This would include, but is not limited to: lighting outlets, smoke detectors, and receptacles, both general-purpose and dedicated types.